| POSTION                   | INITIALS | ID NO.       | DATE   |  |  |  |  |
|---------------------------|----------|--------------|--------|--|--|--|--|
| FEE DETERMINATION         |          | <del> </del> |        |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 21           | 3/5/04 |  |  |  |  |
| FORMALITY REVIEW          | Mm       | 697          | 3/0/01 |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |              | 0/0/01 |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | · N | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | 1   | Interference |
| - | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 |     | Objected     |

|          | Claim    |          | _            |          |          | D               | ate  |              | ٠.,          |          | _        | ]        | Claim Date    |          |                |              |              |          |          |              |                 | ]                       | Clair    | aim Date |       |              |              |          |          |          |          |          |           |   |           |
|----------|----------|----------|--------------|----------|----------|-----------------|--|--------------|--------------|----------|----------|----------|---------------|----------|----------------|--------------|--------------|----------|----------|--------------|-----------------|-------------------------|----------|----------|-------|--------------|--------------|----------|----------|----------|----------|----------|-----------|---|-----------|
| ŀ        | =        | 2/16/1/  | <b>₹</b>     | 10/020   | 02/02/10 | ,               |  |              | Г            |          |          | _        |               | a        | T              |              | Т            | Т        | Γ        | T            | Т               | T                       |          | 1        |       |              | Τ            | Τ        | Τ        | Ť        | Ť        | Т        |           | _   | $\dashv$  |
| '  ·     | Orloinal | , 5      | 13           | 3        | S        |                 | ı  |              |              |          | l        | i.       | B             | Orginal  | $\downarrow$   | 1            | 1            |          |          |              | 1               | ŀ                       |          | ĺ        | اءا   | <u>a</u>     |              |          |          |          |          |          |           |   | . 1       |
| - 10     | ‡ ō      | ñ        | 15           | 16       | 3        |                 |  |              |              |          |          |          | Final         | 5        |                | 7            | ╀.           | 1        | ĺ        |              |                 |                         |          |          | Final | 5            | 1            |          |          | ŀ        | 1        |          |           |   | , İ       |
|          | 7        | 17       | V            | W        | J        | T               | Т  | 1            | Τ            |          | Г        | 1        |               | i1       | 十              | $\top$       | $\top$       | $\vdash$ | _        | +            | t               |                         | 1        |          | 1     | 01           | ╁            | +-       | ╁        | +        | ╁        | ╁        | H         | $\vdash$  | $\dashv$  |
|          | 7        | 2        | レ            | 17       | Ή        |                 | $\top$   | $\top$       | $\top$       | ✝        |          | 1        |               | 2        | $\top$         | +-           | ╅            | +        | T        | ╁            | +-              | 1                       |          |          |       | 22           | ╁╴           | ╁        | ┿        | +-       | ╁╌       | -        | Н         | $\vdash$  | ᅴ         |
|          | 1        | 1        |              | Ť        | Ť        | $\top$          | 1  | ╅            | †            | +        |          | 1        |               | 3        | +              | +            | +            | ╁        | ╈        | ╁┈           | ┿               | ╁                       | +-       |          |       | 8            | ╁            | ╂╾       | ┿        | ╁        | ┼-       | -        | Н         | Щ   | -1        |
| ⊢        | 14       |          | 17           | ۹.,      | 1,       | /-              | +  | +-           | ╁            | t        | -        | 1        |               | 4        | +              | +            | +            | ╁        | ╁┈       | ╁            | ╁╌              | +                       | H        |          | 10    |              | ╲            | +-       | ╀        | +-       | _        | _        |           | Ш   | _         |
| _  -     | 5        |          | M            | ľ        | ۲        | ╈               | +  | +-           | +            | +        | ┝        | 1        |               | 5        | +              | +            | +            | +-       | ╁        | ╁            | ╁               | ╁                       | $\vdash$ |          | 10    |              | +-           | ╄        | +-       | +-       | ┞        | <u> </u> | Н         | Ш   | _         |
| ⊢        | 6        | -        | H            | H        | ╫        | +-              | +  | +            | +            | ╁╌       | $\vdash$ |          |               | 6        | ╁              | ╅            | ╫            | +-       | ╁        | ╀            | ╁               | ╀                       | $\vdash$ |          | 10    | _            | ╄            | +        | +-       | +-       | ├-       | ├_       | H         | Ш   | _         |
| -        | 17       | -        | H            | H        | ₩        | ╈               | ┿  | ┿            | ╁            | ┼─       |          |          |               | 7        | +-             | ┿            | +            | +-       | ╀        | ╀            | ╀               | $\vdash$                | $\vdash$ |          |       |              | ╀            | +        | ╄        | ↓_       | ┞-       | L.       | Ш         | Ш   | _         |
| ⊢        | 8        |          | Н            | H        | ╫        | ┿               | ┿  | ╁            | ╁            | ╁        |          |          | $\rightarrow$ | 8        | +              | +            | ╁            | ╀        | +        | +            | +-              | ₩                       | Н        |          | 10    | <del>-</del> | ╀            | ╀        |          | ┿        | ↓_       | L        | Ш         | Ш   | _         |
| ⊢        | 9        |          | ╁            | H        | ++       | ╁               | ╁  | ╁╴           | ╁            | ╁        | -        | [ ]      |               | 9        | ╁              | +            | ╀            | ╀        | +-       | ╄            | +-              | ╁                       | Н        |          | 10    | —            | 4            | ╄-       | $\bot$   | ↓_       | ļ        | <u> </u> | Ш         | Ш   | _         |
| ⊢        | 10       | _        | H            | Н        | ₩        | ╀               | ╁  | +-           | ┿            | ╀        | _        |          | _             |          | +              | +-           |              | ╀        | ╄        | ╁            | ↓               | <u> </u>                | <u> </u> |          | 10    |              | ╄            | ╄        | _        | 1        | <u> </u> | L        | Ш         | Ш   |           |
| ⊢        | 111      |          | Н            | H        | ₩        | ╀               | ╁  | ╁            | ┼            |          | -        |          |               | 0        | +              | +-           | ╄            | ļ        | ╀        | ╀            | ↓_              | ╀                       | Ы        |          | 11    |              | 丄            | 1        | $\perp$  | ↓_       | _        |          | Ш         |   |           |
| ⊢        | 12       |          | _            | #        | ₩-       | ╀               | +  | ╀            | ┼            | ├-       |          |          |               |          | -              | ╀            | ┼-           | ₩        | ┼        | ↓_           | ┞-              | L                       | Ш        |          | 11    | 1            | 丄            | ┸        | ↓_       | L        |          |          |           |   |           |
| -        |          |          |              | 1        | ₩        | ╀               | +>   | ┼-           | +-           | -        | _        |          | - 6           |          | 4-             | $\bot$       | ↓_           | _        | ↓_       | ╄            | ↓_              | <u> </u>                | Ц        |          | 11    |              | 上            | L        | $\perp$  | L        | L        |          |           |   |           |
| -        | 13       |          | $\vdash$     | $\ $     | #-       | 1               | <del> </del>                                     |              | +            | ļ.,      |          |          |               | 3        | ╀-             | 4_           | ╄            | ↓_       | 4_       | $\perp$      | ـــــ           | L                       | Ш        |          | 11    | ━            | _            | 1        | $\perp$  | $\perp$  |          |          |           | T   |           |
| -        | 14       |          | $\vdash$     | #        | #        | 1               | ╀-   | ╄-           |              | $\vdash$ | _        |          | 6             |          | 1              | 1_           | $\perp$      | _        | <u> </u> | $\perp$      | igspace         | $oxed{oxed}$            | Ш        |          | 11    | _            | L            | L        | L        |          | L        |          |           | ╗   |           |
| $\vdash$ | 13       | 11       | Н            | Н.       | #        | 1               | $\perp$  | <del> </del> | _            | Ш        |          |          | 6             |          | $\perp$        | $\perp$      | $\perp$      | L        | _        | $oxed{oxed}$ | <u> </u>        |                         | Ш        |          | 11    |              |              |          |          |          |          |          |           | 一   | $\neg$    |
| <br> -   | 16       | H        | Ш            | Ц.       | #        | $oxed{igspace}$ | 1  | ↓_           | ↓_           | Ш        |          |          | 6             |          | ┸              | $\perp$      | $\perp$      | $\perp$  | <u> </u> |              | L               | L.                      |          | [        | 11    |              |              |          | 1        |          |          |          | П         | $\Box$  | $\neg$    |
| L        | 17       | 11       | Ш            | Ц.       | 1        | L               | $\perp$  | _            | ŀ            | Ш        |          |          | 6             |          | ┸              | Ŀ            |              |          |          |              | $\Box$          | $\Box$                  |          | ĺ        | 11    | 7            |              | Γ        |          | Г        |          | П        | П         | $\neg$  | $\exists$ |
| $\perp$  | 18       | Ш        | Ш            | Ш        | Ц        | L               | L  | L            | ┖            |          |          | L        | 6             | В        |                | L            |              |          |          |              | L               |                         |          |          | 11    | 8            |              | Π        | 1        |          |          |          |           | ヿ   | $\neg$    |
| ļ.,      | 19       | 1        | Ц            | Ш        | Ц        |                 |  | L            | L.           |          |          | Ĺ        | 6             | 9        |                |              |              |          | Γ        |              |                 |                         |          |          | 11    | 9            |              |          |          |          |          |          |           | ヿ   | ┪         |
| -        | (20)     | )        |              |          | И        |                 |  |              |              |          |          | ſ        | 7             | 5        | T              | П            |              |          |          |              |                 |                         | П        | Ţ        | 12    |              | <del> </del> |          | 1        | $\vdash$ |          |          | $\exists$ | $\dashv$  | ⊣         |
|          | 21       | I        | $\checkmark$ | Z        | 1.7      | Т               | †  |              |              | H        | $\neg$   | ı        | 7             | 1        | 1-             | +            | ┼            | <u> </u> | ┢╌       | $\vdash$     | ┢╌              | Н                       | $\neg$   | ŀ        | 12    | -            | <del> </del> | ⊢        | ┢        | ╁        |          |          | $\dashv$  | $\dashv$  | $\dashv$  |
| Т        | 22       |          |              | ,        | ~        | Г               | $\vdash$   | <u> </u>     | $\vdash$     |          | $\neg$   | ŀ        | 7             |          | +              | †            | $\vdash$     |          | $\vdash$ | H            | -               | H                       | $\vdash$ | }        | 12    |              | ⊢            | $\vdash$ | -        | $\vdash$ | -        | $\dashv$ | $\dashv$  | -+  | $\dashv$  |
|          | 23       | П        |              |          |          | $\vdash$        |  | F            | -            | Н        | ᅱ        | ı        | 7             |          | ╁╴             | $\vdash$     | ╁            | $\vdash$ |          | $\vdash$     | ┢               | H                       | $\dashv$ | -        | 12    |              |              | ┢        | ⊢        | ├—       | _        |          | $\dashv$  | $\dashv$  | $\dashv$  |
|          | 24       |          |              |          |          |                 | <del>                                     </del> | $\vdash$     | <del> </del> |          | $\dashv$ | ŀ        | 7             |          | +              | +            | +            | -        |          | -            |                 | Н                       | $\dashv$ | -        | 12    | _            | ┝            | ├        | ⊢        | -        | Н        | -        | $\dashv$  | +   | $\dashv$  |
|          | 25       | H        |              |          | -        | _               | $\vdash$   | ┢            | $\vdash$     | H        |          | ŀ        | 7             | —        | +              | +-           | H            | -        | ┢        | -            | $\vdash$        | -+                      | 4        | - 1      | _     |              | ⊢            |          | ┢        | H        |          | -        | $\dashv$  | $\dashv$  |           |
|          | 26       | Н        | 1            | _        | ├~       | ┢               | $\vdash$   | -            |              |          | $\dashv$ | H        | 70            |          | t              | ┼            | $\vdash$     | -        | $\vdash$ |              | Н               | -                       | $\dashv$ | ŀ        | 12    |              | -            | ├        | $\vdash$ | $\vdash$ |          |          | $\dashv$  | $\dashv$  |           |
| ⊢        | 27       | Н        |              | -        | ┝        | -               | t  | -            | $\vdash$     | $\vdash$ | ᅱ        | ŀ        | 7             |          | +              | ╀            | ├-           | -        | -        | <u> </u>     | Н               | $\dashv$                |          | -        | 120   |              | <u> </u>     | ⊢        | ļ        | L        | -        |          | 4         | $\dashv$  | 4         |
| $\vdash$ | 28       | Н        | _            | _        |          | -               | $\vdash$   | -            | <del> </del> | $\vdash$ | $\dashv$ | -        | 7/            |          | ╁              | ⊢            | ├-           | H        |          | ⊢            |                 | $\dashv$                |          | -        | 12    | _            | _            | ⊢        | <u> </u> |          |          | _        |           | $\dashv$  | 4         |
| -        | 29       | $\vdash$ |              | $\dashv$ |          | <u> </u>        |  | -            |              | $\vdash$ | $\dashv$ | F        | 79            |          | ┼              | ┢            | <del> </del> | Ŀ        | <u> </u> | $\vdash$     |                 | 4                       | _        | -        | 121   |              |              |          | ļ        | Ш        | _        | _        | _         | _   | _         |
| -        | 30       | $\dashv$ | -            |          |          |                 | $\vdash$   |              |              | $\vdash$ | -1       | -        |               | -        | ┼              | ┢            |              |          | <u> </u> | _            | -               | 4                       | _        |          | 125   | -            | _            | <u> </u> |          |          |          | _        | _         | 4   | _         |
| -        | 31       | Н        | $\dashv$     | $\dashv$ | _        |                 | Н  | -            |              | Н        |          | F        | 8             | -        | ┼—             | Ļ            |              |          | <u> </u> |              |                 | 4                       | _        | L        | 130   | —            |              | L        | <u>_</u> |          |          |          | _         | _   |           |
| -        |          | $\dashv$ |              | _        |          |                 | Н  | -            | _            | -        |          | Ļ        | 8             | +        |                | L            | _            | Ш        | L        |              |                 | 4                       | _        | L        | 13    |              | _            | L        | L.       |          |          |          | $\perp$   | $\perp$   |           |
| $\vdash$ | 32       | -        |              |          |          | <u> </u>        | $\vdash$   | Н            |              | $\dashv$ | 4        | -        | 82            | -        | <del> </del> _ | $\vdash$     | ļ            |          |          |              |                 | 4                       | _        | L        | 132   | -            |              |          |          |          |          |          |           |   | _         |
| -        | 33       | -        | _            | 4        |          |                 | ļ  |              | Щ            | 4        |          | -        | 83            | -        | _              | L.           |              |          |          |              |                 |                         | _        | L        | 133   |              |              |          |          |          |          |          |           | $\perp$   |           |
| <u> </u> | 34       |          | 4            | _        |          |                 | Ш  | $\sqcup$     |              | $\sqcup$ | 4        |          | 84            | -        | $\vdash$       | <u> </u>     |              |          |          |              |                 |                         | $\Box$   | Ĺ        | 13    |              |              |          |          |          |          |          | $_{ m I}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ |           |
| -        | 35       | _        | _            | 4        |          |                 | Щ  | $\sqcup$     |              |          | _        | L        | 85            | _        | _              | $oxed{oxed}$ |              |          |          |              |                 | $\perp$                 |          |          | 13    |              |              |          |          |          |          | T        |           | $_{ m I}$   | _]        |
| $\vdash$ | 36       | _        | 4            |          | _        |                 |  |              |              | $\dashv$ | _        | L        | 86            |          | _              |              |              |          |          |              |                 |                         |          |          | 136   |              |              |          |          |          |          |          |           |   |           |
| L        | 37       | _        | _            |          | _        |                 | Ш  |              |              | $\dashv$ | _        |          | 87            |          | <u> </u>       |              |              |          |          |              |                 | $oldsymbol{\mathbb{I}}$ |          |          | 137   | $\Box$       |              |          |          |          |          | $\neg$   | $\neg$    | T   | $\neg$    |
| _        | 38       | _        |              |          |          |                 | Ш  |              |              | $\perp$  |          |          | 88            |          |                |              |              |          |          |              | _7              |                         |          |          | 138   |              |              |          |          |          |          | $\neg$   | ヿ         | す   | 7         |
| L        | 39       |          | $\dashv$     |          |          |                 |  |              |              |          |          |          | 89            |          | L              |              |              |          |          |              |                 | $\Box$                  |          | Γ        | 139   |              |              |          |          |          | 寸        | $\dashv$ | 十         | ヿ   | $\neg$    |
| L        | 40       |          |              | _ [      | _ ]      | _ ]             |  |              | _ 7          | T        | 1        | Γ        | 90            |          |                |              |              |          |          |              | $\neg \uparrow$ | $\top$                  |          | ļ        | 140   | _            |              |          |          |          | 寸        | _        | $\dashv$  | $\top$  | $\dashv$  |
|          | 41       |          | T            | T        |          |                 |  |              |              | $\top$   | $\neg$   | Γ        | 91            | Π        |                |              |              | $\neg$   |          |              | 1               | 1                       | 7        |          | 14    |              |              | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | +   | $\dashv$  |
|          | 42       | 一        |              | 1        |          |                 |  |              | _            | _        | $\dashv$ | F        | 92            | t        | Т              | Н            | $\vdash$     | $\dashv$ | $\dashv$ |              | $\dashv$        | $\dashv$                | $\dashv$ | -        | 142   |              | $\dashv$     |          | $\dashv$ | $\dashv$ | -        | +        | +         | +   | $\dashv$  |
|          | 43       | _        | 寸            | $\dashv$ |          | $\neg$          | $\dashv$   | _            |              | 十        | $\dashv$ | 卜        | 93            | -        |                | $\vdash$     |              | -        |          | -            | -               | $\dashv$                | $\dashv$ | +        | 143   | <u> </u>     | $\dashv$     | -        |          | $\dashv$ | $\dashv$ | -        | +         | +   | $\dashv$  |
|          | 44       |          | $\dashv$     |          |          |                 | $\vdash$   | $\dashv$     | _            | $\dashv$ | $\dashv$ | 卜        | 94            |          |                | $\vdash$     |              | $\dashv$ |          | $\dashv$     | $\dashv$        | +                       | $\dashv$ | <br> -   | 144   | 1            |              | -        |          | -        | +        | +        | +         | +   | $\dashv$  |
|          | 45       | $\dashv$ | -            | $\dashv$ |          | $\dashv$        | $\dashv$   | $\dashv$     | $\dashv$     | +        | $\dashv$ | -        | 95            |          | -              | $\vdash$     | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$        | +                       | $\dashv$ | -        | 145   |              | -            |          | -        |          | +        | +        | +         | +   | $\dashv$  |
|          | 46       | $\dashv$ | +            | $\dashv$ |          | $\dashv$        |  | $\dashv$     | -            | +        | $\dashv$ | -        | 96            |          |                | $\vdash$     |              | $\dashv$ |          | $\dashv$     |                 | +                       | $\dashv$ | F        |       |              |              | -        |          |          | $\dashv$ | +        | +         | +   | $\dashv$  |
|          | 47       | $\dashv$ | -+           | +        | -        | $\dashv$        | -  | -            | $\dashv$     | +        | $\dashv$ | -        | 97            | ├-       | Н              | $\vdash$     |              | $\dashv$ |          |              | -+              | +                       | $\dashv$ | -        | 146   |              | -            | _        |          | $\dashv$ | -        | -+       |           | +   | $\dashv$  |
| $\vdash$ | 48       | -        | $\dashv$     |          | $\dashv$ | -               | $\dashv$   | $\dashv$     |              | +        | $\dashv$ | -        | 98            | $\vdash$ | -              |              | $\dashv$     |          | -        |              | -+              | +                       | $\dashv$ |          | 147   |              | _            |          | 4        | _        | _        | _        | +         | +   | $\dashv$  |
| $\vdash$ | 49       | $\dashv$ | $\dashv$     | $\dashv$ | ᆉ        | -               |  | -            | $\dashv$     |          | $\dashv$ | $\vdash$ | 99            |          | $\vdash$       |              | -            |          | $\dashv$ | _            |                 | +                       |          |          | 148   |              | _            | _        |          |          | 4        | $\perp$  | $\perp$   | -   | 4         |
| $\vdash$ | 50       | -+       | -+           | +        | +        |                 | $\dashv$   | $\dashv$     |              | +        | $\dashv$ | -        | 100           |          | $\vdash$       |              | -            | -+       |          | -            | -               | +                       |          | -        | 149   |              | _            |          | _        | _        | _        | 1        | $\dashv$  | 4   | _         |
| ц        |          | 1_       |              |          |          |                 |  | 1            |              |          | _,       | L        | 1100          | 1        | ш              |              |              |          |          | 1            |                 |                         |          | L        | 150   | Ш            |              |          |          |          |          | _L       | $\perp$   |   | ┙         |

If more than 150 claims or 10 actions staple additional sheet here